

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series<sup>1, 2</sup>

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		% Change <sup>6</sup>
	Aug. 2022 <sup>p</sup>	July 2022 <sup>r</sup>	June 2022	July - Aug.	June - July	May - June	Aug. 2022 <sup>p</sup>	July 2022 <sup>r</sup>	June 2022	Aug. 2021	2022 <sup>p</sup>	2021	
<b>SHIPMENTS</b>													
All manufacturing industries.....	547,944	545,282	550,206	0.5	-0.9	0.8	569,812	523,169	586,711	501,241	4,287,724	3,780,743	13.4
Construction materials and supplies.....	61,466	61,442	61,646	0.0	-0.3	0.3	67,360	61,893	68,028	60,930	495,307	447,242	10.7
Information technology.....	25,253	24,971	24,909	1.1	0.2	1.7	25,073	23,116	27,598	22,906	191,040	177,639	7.5
Computers and related products.....	2,190	2,164	1,984	1.2	9.1	7.3	2,126	1,992	2,430	1,751	14,877	13,498	10.2
Motor vehicle and parts.....	59,935	59,659	59,651	0.5	0.0	1.6	65,167	50,275	62,841	54,711	463,040	408,915	13.2
Capital goods.....	96,633	94,963	93,411	1.8	1.7	-0.4	96,191	86,947	104,888	84,350	734,189	660,282	11.2
Nondefense capital goods <sup>3</sup> .....	82,126	80,660	79,762	1.8	1.1	-0.2	82,115	74,067	90,655	71,432	626,237	558,636	12.1
Excluding aircraft.....	74,246	73,946	73,474	0.4	0.6	0.8	74,913	69,104	80,372	66,851	574,771	513,726	11.9
Defense capital goods <sup>4</sup> .....	14,507	14,303	13,649	1.4	4.8	-1.9	14,076	12,880	14,233	12,918	107,952	101,646	6.2
Consumer goods.....	235,274	235,226	240,856	0.0	-2.3	1.9	244,352	229,511	251,539	207,630	1,830,530	1,553,818	17.8
Consumer durable goods.....	45,050	44,755	45,259	0.7	-1.1	1.8	48,237	37,635	47,836	41,220	344,717	311,433	10.7
Consumer nondurable goods.....	190,224	190,471	195,597	-0.1	-2.6	1.9	196,115	191,876	203,703	166,410	1,485,813	1,242,385	19.6
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	548,419	548,449	554,232	0.0	-1.0	1.8	564,168	523,696	588,313	500,229	4,301,919	3,801,549	13.2
Construction materials and supplies.....	61,708	61,566	61,582	0.2	0.0	-0.1	66,749	61,806	67,586	62,244	500,602	467,653	7.0
Information technology.....	25,627	25,382	25,195	1.0	0.7	2.1	24,313	22,514	27,817	22,826	191,791	182,428	5.1
Computers and related products.....	2,182	2,174	1,995	0.4	9.0	8.2	2,118	2,002	2,441	1,737	14,868	13,459	10.5
Motor vehicle and parts.....	59,830	59,623	59,650	0.3	0.0	1.6	65,111	50,106	62,141	55,202	463,037	411,672	12.5
Capital goods.....	101,399	102,190	98,332	-0.8	3.9	0.7	97,592	92,343	109,302	88,105	776,428	689,300	12.6
Nondefense capital goods <sup>3</sup> .....	84,785	87,100	84,937	-2.7	2.5	1.0	82,905	81,178	94,359	77,852	671,558	588,505	14.1
Excluding aircraft.....	75,723	74,709	74,190	1.4	0.7	1.0	74,684	68,913	80,033	67,947	584,005	532,184	9.7
Defense capital goods <sup>4</sup> .....	16,614	15,090	13,395	10.1	12.7	-1.4	14,687	11,165	14,943	10,253	104,870	100,795	4.0
Consumer goods.....	235,203	235,138	240,785	0.0	-2.3	2.0	244,223	229,446	251,269	207,594	1,829,604	1,555,908	17.6
Consumer durable goods.....	44,979	44,667	45,188	0.7	-1.2	2.4	48,108	37,570	47,566	41,184	343,791	313,523	9.7
Consumer nondurable goods.....	190,224	190,471	195,597	-0.1	-2.6	1.9	196,115	191,876	203,703	166,410	1,485,813	1,242,385	19.6
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	1,132,082	1,126,755	1,118,721	0.5	0.7	0.8	1,126,408	1,126,849	1,121,396	1,054,291	(X)	(X)	6.8
Construction materials and supplies.....	89,176	88,934	88,810	0.3	0.1	-0.1	90,156	90,767	90,854	84,489	(X)	(X)	6.7
Information technology.....	143,577	143,203	142,792	0.3	0.3	0.2	142,162	142,922	143,524	136,050	(X)	(X)	4.5
Computers and related products.....	1,210	1,218	1,208	-0.7	0.8	0.9	1,210	1,218	1,208	1,338	(X)	(X)	-9.6
Motor vehicle and parts.....	28,331	28,436	28,472	-0.4	-0.1	0.0	27,744	27,800	27,969	26,458	(X)	(X)	4.9
Capital goods.....	826,510	821,744	814,517	0.6	0.9	0.6	822,410	821,009	815,613	764,762	(X)	(X)	7.5
Nondefense capital goods <sup>3</sup> .....	638,393	635,734	629,294	0.4	1.0	0.8	636,949	636,159	629,048	576,708	(X)	(X)	10.4
Excluding aircraft.....	266,998	265,521	264,758	0.6	0.3	0.3	265,528	265,757	265,948	249,309	(X)	(X)	6.5
Defense capital goods <sup>4</sup> .....	188,117	186,010	185,223	1.1	0.4	-0.1	185,461	184,850	186,565	188,054	(X)	(X)	-1.4
Consumer goods.....	10,781	10,852	10,940	-0.7	-0.8	-0.6	10,569	10,698	10,763	11,660	(X)	(X)	-9.4
Consumer durable goods.....	10,781	10,852	10,940	-0.7	-0.8	-0.6	10,569	10,698	10,763	11,660	(X)	(X)	-9.4
<b>TOTAL INVENTORIES</b>													
All manufacturing industries.....	800,189	801,381	801,535	-0.1	0.0	0.4	802,917	807,098	802,257	737,806	(X)	(X)	8.8
Construction materials and supplies.....	86,671	86,335	85,951	0.4	0.4	0.7	86,165	86,593	86,052	78,017	(X)	(X)	10.4
Information technology.....	44,660	44,259	44,026	0.9	0.5	0.8	45,268	44,713	44,110	41,444	(X)	(X)	9.2
Computers and related products.....	3,967	3,903	3,874	1.6	0.7	-0.4	4,134	3,967	3,931	3,808	(X)	(X)	8.6
Motor vehicle and parts.....	51,734	51,497	51,552	0.5	-0.1	-0.4	52,561	52,283	50,812	49,187	(X)	(X)	6.9
Capital goods.....	236,323	235,687	234,656	0.3	0.4	0.7	238,533	237,201	235,065	221,924	(X)	(X)	7.5
Nondefense capital goods <sup>3</sup> .....	213,631	212,851	212,041	0.4	0.4	0.6	215,759	214,327	212,353	200,274	(X)	(X)	7.7
Excluding aircraft.....	148,515	147,514	146,642	0.7	0.6	0.9	149,939	148,579	147,159	133,654	(X)	(X)	12.2
Defense capital goods <sup>4</sup> .....	22,692	22,836	22,615	-0.6	1.0	1.5	22,774	22,874	22,712	21,650	(X)	(X)	5.2
Consumer goods.....	242,973	245,562	247,818	-1.1	-0.9	-0.2	243,711	248,032	249,088	222,688	(X)	(X)	9.4
Consumer durable goods.....	43,606	43,321	43,187	0.7	0.3	-0.7	44,724	43,556	42,405	40,257	(X)	(X)	11.1
Consumer nondurable goods.....	199,367	202,241	204,631	-1.4	-1.2	-0.1	198,987	204,476	206,683	182,431	(X)	(X)	9.1

<sup>x</sup> Not Applicable

<sup>p</sup> Preliminary

<sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

<sup>2</sup> Topical series are regroupings of the separate industry categories.

<sup>3</sup> Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

<sup>4</sup> Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

<sup>5</sup> Estimates and percent changes exclude semiconductor industry data.

<sup>6</sup> Based on year-to-date for shipments and new orders, but on same month prior year for unfilled orders and inventories.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see <<http://www.census.gov/manufacturing/m3/>>. Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, August Full Report, October 4, 2022. Information on data sources and methodology can be found on our website at <[www.census.gov/manufacturing/m3/how\\_the\\_data\\_are\\_collected/index.html](http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html)>.